



Sheet 04 of 04

Form PTO-1449 Modified

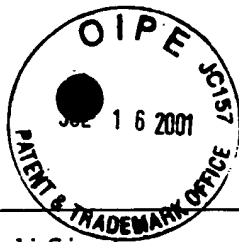
Docket No.
DEX-0142Serial No.
09/802,674List of Patents and Publications
Cited by Applicant
(Use several sheets if necessary)Applicant
Macina et al.U.S. Department of Commerce
Patent and Trademark OfficeFiling Date
March 9, 2001Group
1645 1642

U. S. PATENT DOCUMENTS

Examiner		Document	Date	Name	Class	Subclass
anh	AA	5,733,478	3-31-98	Yu et al.	435	70.1
	AB	4,946,778	8-7-90	Ladner et al.	435	69.6
	AC	5,694,622	12-2-97	Wolff et al.	514	44
	AD	5,705,151	1-6-98	Dow et al.	424	93.21
	AE	5,580,859	12-3-96	Felgner et al.	514	44

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES NO
anh	AF	WO 90/11092	4-10-90	PCT	X
	AG	WO/98/11779	26-3-98	PCT	X
	AH	WO 96/39541	12-12-96	PCT	X
	AI	WO 98/22139	28-5-98	PCT	X
	AJ	WO 98/15624	16-4-98	PCT	X
EXAMINER	anh		DATE CONSIDERED 10 October 2002		



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U.S. Department of Commerce

Docket No.
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Applicant
Macina et al.

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Group
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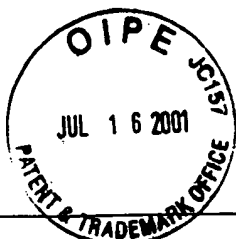
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AS	POSTTRANSLATIONAL COVALENT MODIFICATION OF PROTEINS , By C. Johnson, Ed., Academic Press, New York 1983
Amh	AT Rattan et al., "Aging and Cellular Defense Mechanisms", <i>Protein Synthesis: Posttranslational Modifications and Aging</i> , Ann. N.Y. Acad. Sci. 663: 48-62 1992
Amh	AU Sambrook et al., MOLECULAR CLONING, A LABORATORY MANUAL, 2nd Ed.; Cold Spring Harbor Laboratory Press, Cold Spring Harbor, N.Y. 1989
Amh	AV Schwartz et al., "Gene transfer by naked DNA into adult mouse brain", 1996 <i>Gene Ther.</i> 3(5):405-411
	AW Sumerdon et al., "An Optimized Antibody-Chelator Conjugate for Imaging of Carcinoembryonic Antigen with Indium-111", <i>Nucl. Med. Biol.</i> 1990 17:247-254
	AX Tabata et al., "Arterial gene transfer of acidic fibroblast growth factor for therapeutic angiogenesis in vivo: critical role of secretion signal in use of naked DNA 1997 <i>Cardiovasc. Res.</i> 35(3):470-479
	AY Tsurumi et al., "Direct Intramuscular Gene Transfer of Naked DNA Encoding Vascular Endothelial Growth Factor Augments Collateral Development and Tissue Perfusion", 1996 <i>Circulation</i> 94(12):3281-3290
	AZ Wolff J. A., "Naked DNA transport and expression in mammalian cells", 1997 <i>Neuromuscul. Disord.</i> 7(5):314-318
EXAMINER	DATE CONSIDERED

Amh

18 October 2002,

27 March 2003



Sheet 01 of 04

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Docket No.
DEX-0142Serial No.
09/802,674List of Patents and Publications
Cited by Applicant
(Use several sheets if necessary)Applicant
Macina et al.Filing Date
March 9, 2001Group
1645-1645

U.S. Department of Commerce

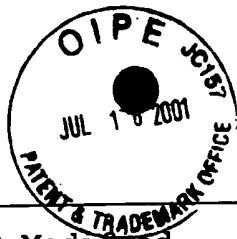
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JUL 18 2001

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amb	AA	Abdallah et al., "Non-viral gene transfer: Applications in developmental biology and gene therapy", 1995 Biol. Cell 85(1):1-7
↓	AB	Chao et al., "Experimental Kallikrein Gene Therapy in Hypertension, Cardiovascular and Renal Diseases", 1997 Pharmacol. Res. 35(6):517-522
↓	AC	Cooney et al., "Site-Specific Oligonucleotide Binding Represses Transcription of the Human c-myc Gene in Vitro", Science 241:456 1988
←	AD	Cole et al., "The EBV-Hybridoma Technique and Its Application to Human Lung Cancer", MONOCLONAL ANTIBODIES AND CANCER THERAPY, pp. 77-96, Alan R. Liss, Inc. 1985
←	AE	Coligan et al., Current Protocols in Immunology 1(2):Chapter 5 1991
amb	AF	Beal and Dervan et al., "Second Structural Motif for Recognition of DNA by Oligonucleotide-Directed Triple-Helix Formation", Science 1991 251:1360
↓	AG	Felgner et al., "Improved Cationic Lipid Formulations In Vivo Gene Therapy", 1995 Ann. NY-Acad. Sci. 772:126-139
↓	AH	Griffin et al., "Initial Clinical Study of Indium-111-Labeled Clone 110 Anticarcinoembryonic Antigen Antibody in Patients With Colorectal Cancer", J. Clin. Onc. 1991 9:631-640
↓	AI	Huflejt et al., "Strikingly Different Localization of Galectin-3 and Galectin-4 in Human Colon Adenocarcinoma T84 Cells", J. Biol. Chem. 1997 272(22):14294-303
EXAMINER ambHaberis		DATE CONSIDERED 10/10/2002



Sheet 02 of 04

Form PTO-1449 Modified

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(Use several sheets if necessary)

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Docket No.
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09/802,674Applicant
Macina et al.Filing Date
March 9, 2001Group
1645

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>amb</i>	AJ	Kirschmeier et al., "Construction and Characterization of a Retroviral vector Demonstrating Efficient Expression of Cloned cDNA Sequences", <i>DNA</i> 7:219-25 1988
1	AK	Kohler et al., "Continuous cultures of fused cells secreting antibody of predefined specificity", <i>Nature</i> 1975 256:495-497
	AL	Kozbor et al., "The production of monoclonal antibodies from human lymphocytes", <i>Immunology Today</i> 1983 4:72
	AM	Lauffer R.B., "Targeted Relaxation Enhancement Agents for MRI*", <i>Magnetic Resonance in Medicine</i> 1991 22:339-342
	AN	Lee et al., "Complexes formed by (pyrimidine) _n (purine) _n DNAs on lowering the pH are three-stranded", <i>Nucleic Acids Res</i> 1979 6:3073
	AO	Miller et al., "Improved Retroviral Vectors for Gene Transfer and Expression", <i>Biotechniques</i> 7:980-990 1989
✓	AP	Okano et al., "Myelin Basic Protein Gene and the Function of Antisense RNA in Its Repression in Myelin-Deficient Mutant Mouse", <i>J. Neurochem.</i> 56: 560 1991
	AQ	Oligodeoxynucleotides as Antisense Inhibitors of Gene Expression, CRC Press, Boca Raton, FL 1988
<i>amb</i>	AR	PROTEINS STRUCTURE AND MOLECULAR PROPERTIES, 2nd Ed., T. E. Creighton, W. H. Freeman and Company, New York 1993
EXAMINER <i>amb Harris</i>		DATE CONSIDERED <i>10/18/2002, 4/5/2003</i>

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Serial Number	09/802,674
Filing Date	09 March 2001
Applicant	Macina et al.
Group Art Unit	1645-1647
Examiner Name	Unknown <i>A.M. Harris, Ph.D.</i>
Attorney Docket Number	DEX-0142

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U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date MM-DD-YYYY
<i>amh</i>	AA	US 6,160,090	12/12/2000		—	—	06/23/1993

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Examiner Initials *	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Class	Subclass	Translation/ Comments
<i>amh</i>	AB	EP 0841393 A1	05/13/1998		—	—	
	AC	WO 96/39419 A1	12/12/1996		—	—	
	AD	WO 97/03190 A1	01/30/1997		—	—	No Translation

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.	Author, title of the article, title of the item, date, volume-issue number, page(s).	Translation/ Comments
<i>amh</i>	AE	Hopkins et al., Characterization of the gene encoding carbonic anhydrase I from the pigtail macaque. Gene. 1995; Vol. 152:265-269.	
<i>amh</i>	AF	Huflejt et al., Strikingly different localization of galectin-3 and galectin-4 in human colon adenocarcinoma T84 cells. JBC. 30 May 1997; Vol. 272(22):14294-14303.	
	AG	Lowe et al., Structure and methylation patterns of the gene encoding human carbonic anhydrase I. Gene. 1990; Vol. 93:277-283.	
	AH	Rechreche et al., Cloning and expression of the mRNA of human galectin-4, an S-type lectin down-regulated in colorectal cancer. Eur. J. Biochem. 1997; Vol. 248:225-230.	
	AI	Database Genebank, Accession No. AB006781, Kato, C., Homo sapiens mRNA for galectin-4, complete cds, 26 Jul 2001, see sequence.	
	AJ	Database Genebank, Accession No. M33987, Lowe, C., Human carbonic anhydrase I (CAI) mRNA, complete cds., 31 Oct 1994, see sequence.	

Examiner Signature

amh Harris

Date Considered

9/26/2002

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.